The Repeater

The W6VVR Newsletter

ARRL
Simulated
Emergency
Test
October 5th and 6th

The Newsletter for October 2024

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THE VACA VALLEY RADIO CLUB WELCOMES YOU

The Vaca Valley Radio Club has proudly served the Northern Solano County Area since 1988. We pride ourselves in providing a friendly place for radio amateurs to meet and improve their operating skills.

We participate in public service events throughout the year and are always ready to assist with communications during times of emergency.

Browse our website for more information about our club. If you have any questions, please e-mail us at w6vvr@w6vvr.net or call 707-448-5665 for assistance.

The Repeater is Published by the Vaca Valley Radio Club, PO Box 143, Elmira, CA 95625- 0143.

An ARRL Affiliated Club. Founded 1987, Chartered 1988.

General Meetings: 2nd Thursday of each month at 7:00 PM See the directions on the last several pages.

Meetings Are Wheelchair Accessible

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INDEX

ITEM	PAGE
Editorial…….	4
President's Message……..	5
Vice President's Message……..	6
Treasurer's Message.…….	7
Secretary's Message..……	8
Meeting Minutes……...	9
A special Message…….	10
Monthly ICS Training……...	12
The Great Shakeout……...	28
The Learning Corner…….	29
The ARRL S.E.T. …….	35
About Pacificon…….	36
The Wouff Hong……..……..	46
Monthly Calendar...……...	48
Special Club Events And Other Events…….	50
Contest Calendar Link……...	51
Repeater information…….	52
Club Officers…….	54
Volunteer Positions……	55
Membership Application……...	57
Directions to club meetings……...	59

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A Message from The Editors of The Repeater

Welcome to October!

As I sit here and write this, my mind is getting ready for Pacificon, the annual ARRL S.E.T. the upcoming club elections, merriment on main, the GREAT SHAKE OUT drill, and of course, our annual Holiday dinner .

This month we will conclude the training on ICS-200.

I have discussed the Q codes in this months learning corner with a printable chart for them.

I discuss the origins of the Wouff Hong. Thanks to the ARRL for permission to reprint it from the 1969 QST.

73

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A Message from The President

Unfortunately, as of the publishing deadline, I did not receive any message from the President
Servando Miramontes, K6SRV

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A message from the Vice President

Unfortunately, as of the publishing deadline, I did not receive any message from the Vice President Dan Martin N6ETR

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A message from the Treasurer

I don't have the ability to post the actual financial numbers at this time. However, the club finances are recovering nicely.

On another topic, there are a few members who are in arrears with there membership dues. If you are having an issue with the online application or the PayPal link please let me know. If there is another reason that you have chosen to not renew your membership let me know the reason for that, as well. We hate to see members leave so if there is something that I can do to ensure your continued membership please let me know.

Bryan, KB0A
Treasurer

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A Message from the Secretary

Unfortunately, as of the publishing deadline, I did not receive any message from the Secretary
Mike Rogers KN6MIO

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Meetings recorded by the Secretary

VACA VALLEY RADIO CLUB MEETING
09/13/2024

I. 1900 Flag Salute.

II. 1905 No information available about what was discussed.

III. 1930 Discussion and demonstration about Wire by Art.

IV. 2100 Meeting Adjourned.

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A Special Message to ALL Members!!!

As most of the club is aware, elections are coming up in November, at the November meeting.

That means it is YOUR chance to move the club forward in a direction that benefits everyone.

However, that wont happen without both your vote and your participation.

You MUST ATTEND THE ***OCTOBER*** meeting to start considering being nominated for a club officer position or to nominate someone for a club officer position.

Article 4 Rules of Government, Section 3 states:

Section 3. Club officers and four full members constituting the board of directors will be elected by ballot and require a plurality of the voting membership present for the election. Any club member may nominate themselves or another member as long as the nominee meets the qualifications for the position.

A nominee must acknowledge acceptance of the nomination to the club secretary prior to balloting.

All nominations shall be presented to the club secretary in writing. There shall be provision for verbal nominations from the floor prior to balloting. Nominations will be accepted at the October and November business meetings with voting at the November business meeting. The new officers will be installed at the December Social Meeting/Christmas Party

So if you are nominated by someone, you must accept the nomination or you can not be voted on.

Anyone that is stepping up to be a club officer nomination needs to think about a serious commitment to the club. They need to think, am I capable for the job?, Do I have what it really takes to be committed to the club?, Do I have the time to put the effort into the position?
I realize we all have lives outside of our hobby but when you are accepting a leadership role, it means a commitment

You MUST ATTEND the November meeting to MAKE YOUR VOICE HEARD about who is in charge of the club.

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You must attend the November meeting to participate AND MAKE YOUR VOICE HEARD about the direction you want the club to move forward in.

You must attend the club meeting in November to help with club activities and events.

Every newsletter has a list of club positions and most of those positions are vacant.

The club needs you and your expertise to fill those positions and guide the club forward.

Again, this is your club.

Your participation decides where and how we grow as a club.

Your dues pay for things the club does.

You pay for membership in the club, you should be eager to participate in the club and the events offered.

When you do not show up you miss out on the expertise of other club members and they miss out on the possible expertise you could be offering to assist them.

PLEASE! PLEASE! PLEASE!

Come to the club meeting in November and VOTE for the people that will run the club in the future.

Sitting by on the side lines paying dues and not participating wont help you or the club grow.

Your participation will.

73

P.S. – The editor of The Repeater is quite content to sit in the background doing what needs to be done. I wont accept a nomination.

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This Month We Continue Talking About The Basics Of The Incident Command System!

IS-200 – Basic Incident Command System For Initial Response

This will be the final lesson on ICS-200.

Part six of ICS200 is Organizational Flexibility, and finally, Transfer of Command.
This lesson introduces you to ICS Organizational Flexibility components, and Transfer of Command

The first item to discuss will be flexibility and standardization.

Flexibility and Standardization:

A guiding principle of NIMS is flexibility.

The ICS organization may be expanded easily from a very small size for routine operations to a larger organization capable of handling catastrophic events.

Standardization within ICS does NOT limit flexibility. ICS works for small, routine operations as well as catastrophic events.

Flexibility does NOT mean that the NIMS Management Characteristic Common Terminology is superseded. Flexibility is exercised only within the standard ICS organizational structure and position titles.

Flexibility does not mean using non-standard organizational structures or position titles that would interfere with the NIMS Management Characteristics Common Terminology and Modular Organization.

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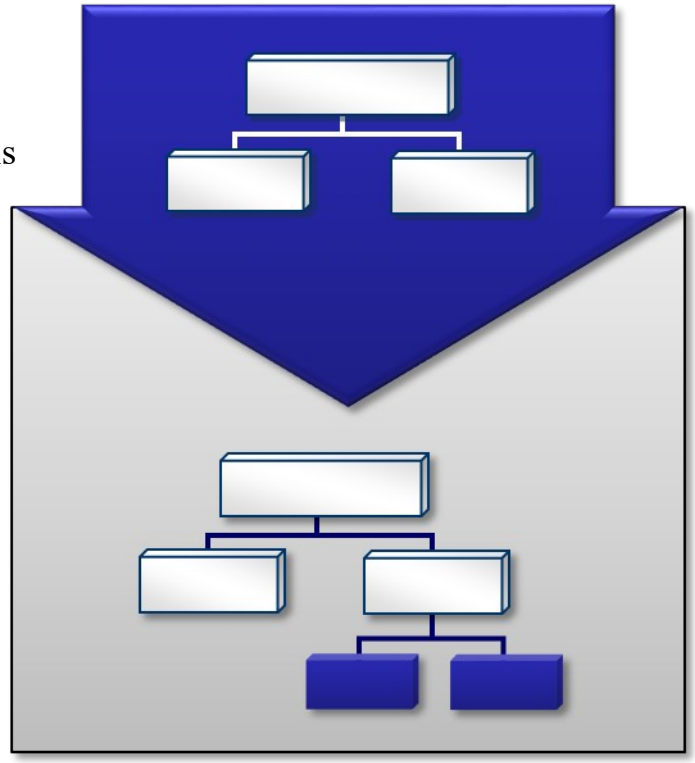
Modular Organization:



Incident command organizational structure is based on:

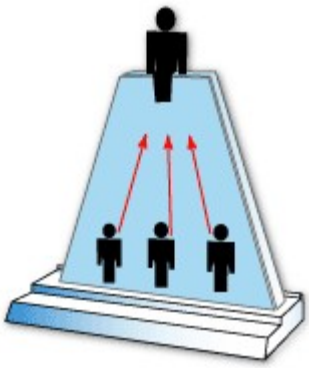
Size and complexity of the incident

Specifics of the hazard environment created by the incident

Incident planning process and incident objectives

ICS Expansion and Contraction:

Although there are no hard-and-fast rules, it is important to remember that:



Only functions and positions that are necessary to achieve incident objectives are filled.

Each activated element must have a person in charge.

An effective span of control must be maintained.

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Activation of Organizational Elements:

Many incidents will never require the activation of the entire Command or General Staff or entire list of organizational elements within each Section.

Other incidents will require some or all members of the Command Staff and all sub-elements of each General Staff section.

The decision to activate an element (Section, Branch, Division, Group or Unit) must be based on incident objectives and resource needs.

An important concept is that many organizational elements may be activated in various Sections without activating the Section Chief.

For example, the Situation Unit can be activated without a Planning Section Chief assigned.

In this case, the supervision of the Situation Unit will rest with the Incident Commander.

Avoid Combining Positions:

It is tempting to combine ICS positions to gain staffing efficiency. Rather than combining positions, you may assign the same individual to supervise multiple units.

When assigning personnel to multiple positions, do not use nonstandard titles. Creating new titles may be unrecognizable to assisting or cooperating personnel and may cause confusion. Be aware of potential span-of-control issues that may arise from assigning one person to multiple positions.

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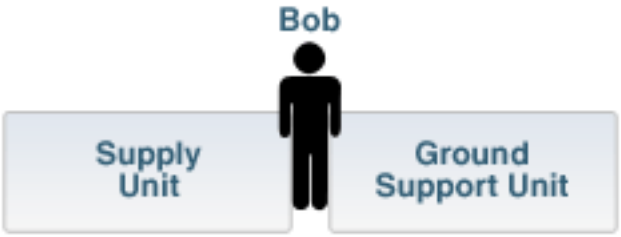


Resource Management:

Maintaining an accurate and up-to-date picture of resource utilization is a critical component of incident management. The incident resource management process consists of the following:

Identifying Requirements

Ordering and Acquiring

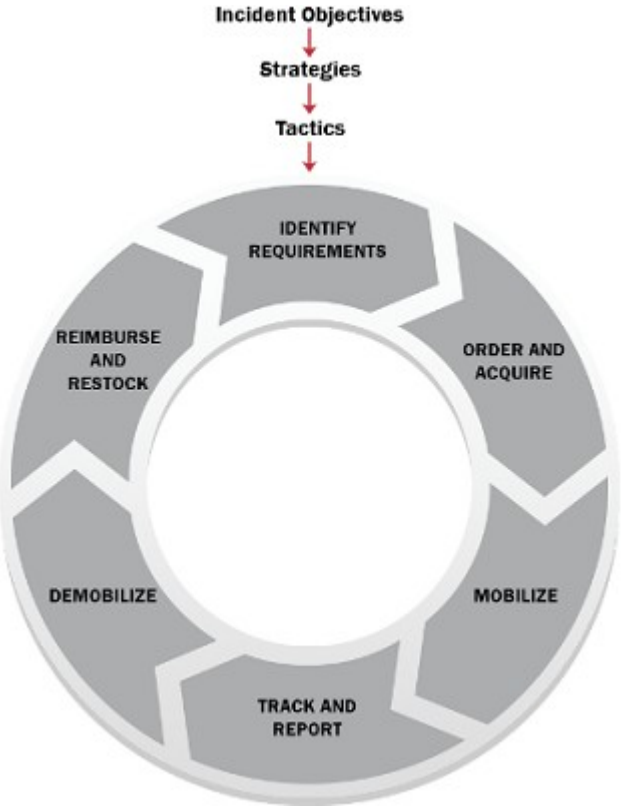
Mobilizing

Tracking and Reporting

Demobilizing

Reimbursing and Restocking

This section of the lesson reviews key resource management principles.



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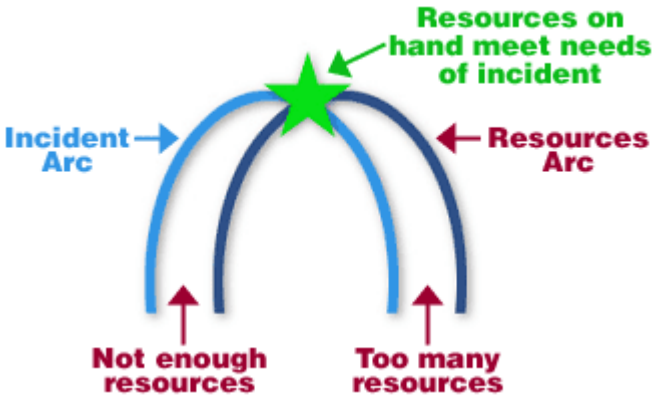
Anticipating Resource Needs:



Experience and training will help you to predict workloads and corresponding staffing needs.

As the graphic illustrates, an incident may build faster than resources can arrive.

Eventually, a sufficient number of resources arrive and begin to control the incident.
As the incident declines, resources then exceed incident needs.

Remember that when resources increase or decrease you will have to reassess your organizational structure and staffing to determine if it is right-sized for the resources that are being managed.

Predicting Incident Workloads

Incident workload patterns are often predictable throughout the incident life cycle. Several examples are provided below:

Operations Section: The workload on Operations is immediate and often massive. On a rapidly escalating incident, the Operations Section Chief must determine appropriate tactics; organize, assign, and supervise resources; and at the same time participate in the planning process.

Planning Section: The Resources and Situation Units will be very busy in the initial phases of the incident. In the later stages, the workload of the Documentation and Demobilization Units will increase.

Logistics Section: The Supply and Communications Units will be very active in the initial and final stages of the incident.

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Analyzing Incident Complexity

It is important to strike the right balance when determining resource needs. Having too few resources can lead to loss of life and property, while having too many resources can result in unqualified personnel deployed without proper supervision.

A complexity analysis can help:

Identify resource requirements

Determine if the existing management structure is appropriate

Complexity Analysis Factors

Community and responder safety

Impacts to life, property, and the economy

Potential hazardous materials

Weather and other environmental influences

Likelihood of cascading events

Potential crime scene (including terrorism)

Political sensitivity, external influences, and media relations

Area involved, jurisdictional boundaries

Availability of resources

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Incident Complexity and Resource Needs:

As illustrated above, when incident complexity increases, your resource needs and ICS structure grow accordingly.

Resource typing:

Resource Typing defines and categorizes incident resources by capability. Typing is done to ensure that responders get the right personnel and equipment.
ICS resources are categorized by Capability, Category, Kind, and Type.

Capability: The Core Capability or which a resource is most useful.

Category: The function for which a resource is most useful.

Kind: A description of what a resource is (personnel, teams, facilities, equipment or supplies).

Type: The resource's minimum capability to perform its function. The level of capability is based on size, power and capacity (for equipment), or experience and qualifications (for personnel or teams).

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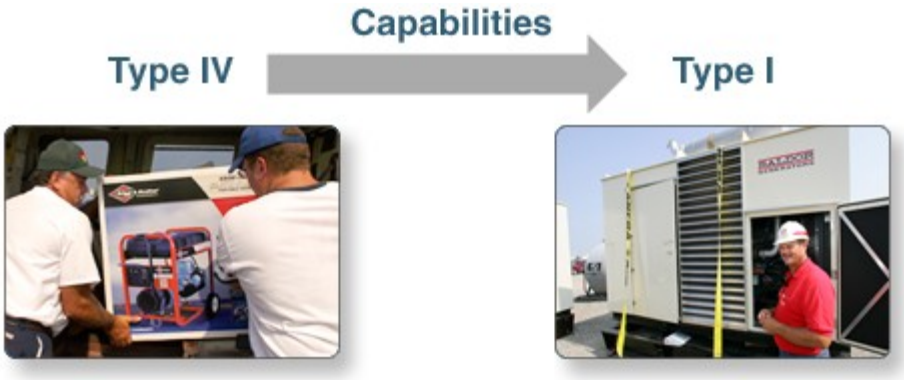
Importance of Resource Typing:

Requesting a resource kind without specifying a resource type could result in an inadequate resource arriving on the scene.

The Order: "We need a HazMat team."

Resource types range from Type I (most capable) to Type IV (least capable), letting you reserve the appropriate level of resource for your incident by describing the size, capability, and staffing qualifications of a specific resource.



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Resource Typing an NIMS:

Resource Management is a key component of NIMS. This effort helps all Federal, State, tribal, and local jurisdictions locate, request, and track resources to assist neighboring jurisdictions when local capability is overwhelmed.

The Resource Typing Library Tool (RTLT) is an online catalogue of national resource typing definitions, position qualifications and Position Task Books (PTBs) provided by the Federal Emergency Management Agency (FEMA).

For more information you can access the RTLT at https://rtlt.preptoolkit.fema.gov.

Additional Resource Terminology:

The following terms apply to resources:

A Task Force is a combination of mixed resources with common communications operating under the direct supervision of a Task Force Leader.

A Strike Team / Resource Team is a set number of resources of the same kind and type with common communications operating under the direct supervision of a Strike Team Leader. A Strike Team may also be referred to as a Resource Team by law enforcement.

A Single Resource is an individual, a piece of equipment and its personnel complement, or a crew or team of individuals with an identified work supervisor that can be used on an incident.

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Incident Typing Overview:

Incidents, like resources, may be categorized into five types based on complexity.

Type 5 incidents are the least complex and Type 1 the most complex.

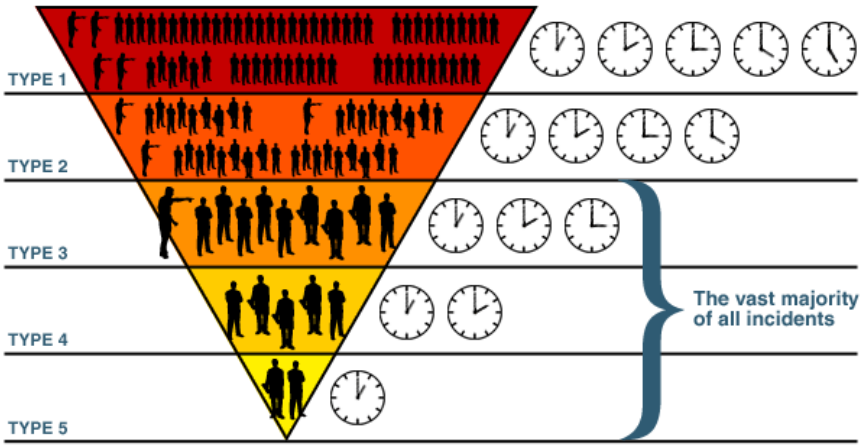
Incident typing may be used to:

Make decisions about resource requirements.

Order Incident Management Teams (IMTs).

An IMT is made up of the Command and General Staff members in an ICS organization.

The incident type corresponds to both the number of resources required and the anticipated incident duration. The incident types move from Type 5 being the least complex to Type 1 being the most complex. As the number of resources required gets larger and the duration of the incident gets longer, the complexity increases. The vast majority of incidents are in the Type 3-5 range. Clocks are just a representation of increasing operational periods not an exact time.



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Type V Incident:

Characteristics of a Type 5 Incident are as follows:

Resources: One or two single resources with up to six personnel. Command and General Staff positions (other than the Incident Commander) are not activated.

Time Span: Incident is contained within the first operational period and often within a few hours after resources arrive on scene. No written Incident Action Plan is required.

Examples include a vehicle fire, an injured person, or a police traffic stop.

Type IV Incident:

Characteristics of a Type 4 Incident are as follows:

Resources: Command Staff and General Staff functions are activated (only if needed). Several single resources are required to mitigate the incident.

Time Span: Limited to one operational period in the control phase. No written Incident Action Plan is required for non-HazMat incidents.

A documented operational briefing is completed.

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Type III Incident:

Characteristics of a Type 3 Incident are as follows:

Resources: When capabilities exceed initial response, the appropriate ICS positions should be added to match the complexity of the incident. Some or all of the Command and General Staff positions may be activated, as well as Division or Group Supervisor and/or Unit Leader level positions.

An Incident Management Team (IMT) or incident command organization manages initial action incidents with a significant number of resources, and an extended response incident until containment/control is achieved.

Time Span: The incident may extend into multiple operational periods and a written Incident Action Plan may be required for each operational period.

Type II Incident:

Characteristics of a Type 2 Incident are as follows:

Resources: Regional and/or national resources are required to safely and effectively manage the operations.

Most or all Command and General Staff positions are filled.

Operations personnel typically do not exceed 200 per operational period and the total does not exceed 500.

The agency administrator/official is responsible for the incident complexity analysis, agency administrator briefings, and written delegation of authority.

Time Span: The incident is expected to go into multiple operational periods.

A written Incident Action Plan is required for each operational period.

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Type I Incident:

Characteristics of a Type 1 Incident are as follows:

Resources: National resources are required to safely and effectively manage the operations. All Command and General Staff positions are activated, and Branches need to be established.

Operations personnel often exceed 500 per operational period and total personnel will usually exceed 1,000. There is a high impact on the local jurisdiction, requiring additional staff for office administrative and support functions. The incident may result in a disaster declaration.

Time Span: The incident is expected to go into multiple operational periods. A written Incident Action Plan is required for each operational period.

Incident Management Teams:

IMTs are rostered groups of ICS-qualified personnel consisting of an Incident Commander, other incident leadership, and personnel qualified for other key ICS positions. An IMT may be used to respond to an incident. IMTs include Command and General Staff members. IMT types correspond to incident type and include:

Type 5: Local Village and Township Level

Type 4: City, County, or Fire District Level

Type 3: State, Territory, Tribal, or Metropolitan Area Level

Type 2: National and State Level

Type 1: National and State Level (Type 1 Incident)

Team members are certified as having the necessary training and experience to fulfill IMT positions.

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Transfer of Command:

Transfer of command is the process of moving the responsibility for incident command from one Incident Commander to another.

When Command is Transferred:

Transfer of command may take place for many reasons, including when:

A jurisdiction or agency is legally required to take command

Change of command is necessary for effectiveness or efficiency

Incident complexity changes

There is a need to relieve personnel on incidents of extended duration

Personal emergencies arise (e.g., Incident Commander has a family emergency)

The Agency Administrator or Jurisdictional Executive directs a change in command

A More Qualified Person Arrives:

The arrival of a more qualified person does NOT necessarily mean a change in incident command.

The more qualified individual may:

Assume command according to agency guidelines

Maintain command as it is and monitor command activity and effectiveness

Request a more qualified Incident Commander from the agency with a higher level of jurisdictional responsibility

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Transfer of Command Procedures:

One of the main features of ICS is a procedure to transfer command with minimal disruption to the incident. This procedure may be used any time personnel in supervisory positions change.

Whenever possible, transfer of command should:

Take place face-to-face

Include a complete briefing that captures essential information for continuing safe and effective operations

The effective time and date of the transfer of command should be communicated to all personnel involved in the incident.

Transfer of Command Briefing Elements:

A transfer of command briefing should always take place. The briefing should include:

Situation status

Incident objectives and priorities

Current organization

Resource assignments

Resources ordered and en route

Incident facilities

Incident communications plan

Incident prognosis, concerns, and other issues

Introduction of Command and General Staff members

Continued on the next page.

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Incident Briefing Form ICS Form 201:

Agency policies and incident-specific issues may alter the transfer of command process. In all cases, the information shared must be documented and saved for easy retrieval during and after the incident.

The initial Incident Commander can use the ICS Form 201 to document actions and situational information.

For more complex transfer of command situations, every aspect of the incident must be documented and included in the transfer of command briefing.

The Incident Briefing Form (ICS Form 201) is an eight-part form that provides an Incident Command/Unified Command with status information that can be used for briefing incoming resources, an incoming Incident Commander or team, or an immediate supervisor.

The basic information includes:

Incident situation (map, significant events)

Incident objectives

Summary of current actions

Status of resources assigned or ordered for the incident or event

The ICS Form 201 is also suitable for briefing individuals newly assigned to the Command and General Staffs.

This Concludes the training on ICS-200

73

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THE GREAT SHAKE OUT DRILL

This October, we will once again be doing the Great Shakeout Drill along with millions of others throughout the country. Obviously for those of us on the west coast, this drill should be commonplace and done every year.

I am proposing that as a club we do a drill using the repeater along with Zoom to do a practice drill

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The Learning Corner

The Q codes

You use a few select q codes every day: QTH, QRM, QRN and perhaps a hand full of others.

But, did you know there are actually forty four (44) Q codes in use just in amateur radio?

The ARRL designated a set of Q codes for Morse Code Nets called the QN codes. They are for use with Morse Code nets.

Are you aware that there are other agencies that use the Q codes?

Aviation and Marine also have their own set of Q codes as well.

Wikipedia has a great article about Q codes and is extremely informative:

https://en.wikipedia.org/wiki/Q_code

Q Codes started when spark gap transmitters were still in use as a way to shorten communications by the British Postmaster to ships at sea.

When using Morse code they are a great way to shorten how much you have to use your fist to send messages.

With so many Q codes for us to use it becomes necessary to have a chart to be able to remember all of them. Below is a chart that you can print out and keep handy.

I have also included a chart of the ARRL QN codes in case the club ever wants to try their hand at a CW Net.

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Code	Question	Answer / Statement
QRA	What is the name (or call sign) of your station?	The name (or call sign) of your station is ___.
QRG	What is my exact frequency (or that of)?	Your exact frequency (or that of ___) is ___ KHz/Mhz.
QRH	Does my frequency vary?	Your frequency varies.
QRI	How is the tone of my transmission?	The tone of your transmissions is ___ (1. Good; 2. Variable; 3. Bad).
QRJ	Are you receiving me badly?	I cannot receive you. Your signals are too weak.
QRK	What is the intelligibility of my signals (or those of ___)?	The intelligibility of your signals (or those of ___) is ___ (1. Bad; 2. Poor; 3. Fair; 4. Good; 5. Excellent).
QRL	Are you busy?	I am busy (with ___). Please do not interfere.
QRM	Is my transmission being interfered with?	Your transmission is being interfered with ___ (1. Nil; 2. Slightly; 3. Moderately; 4. Severely; 5. Extremely).
QRN	Are you troubled with static?	I am troubled with static by ___ (1. Nil; 2. Slightly; 3. Moderately; 4. Severely; 5. Extremely).
QRO	Should I increase power?	Increase power.
QRP	Should I decrease power?	Decrease power.
QRQ	Should I send faster?	Send faster (___ WPM).
QRS	Should I send slower?	Send more slowly (___ WPM).
QRT	Should I stop sending?	I will stop sending.
QRU	Have you anything for me?	I have nothing for you.
QRV	Are you ready?	I am ready.
QRW	Should I inform ___ that you are calling on ___ kHz?	Please inform ___ that I am calling on ___ kHz.
QRX	Should I standby? When will you call me again?	I will call you again at ___ hours (on ___ kHz).
QRY	What number is my turn?	Your turn is number ___.
QRZ	Who is calling me?	You are being called by ___ (on ___ kHz).

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Code	Question	Answer / Statement
QSA	What is the strength of my signals (or those of ___)?	The strength of your signals (or those of ___) is ___ (1. Scarcely perceptable; 2. Weak; 3. Fairly good; 4. Good; 5. Very good).
QSB	Are my signals fading?	Your signals are fading.
QSD	Is my keying defective?	Your keying is defective.
QSG	Should I send ___ messages at a time?	Send ___ messages at a time.
QSK	Can you hear me between your signals and if so can I break in on your transmission?	I can hear you between my signals. You may break in on my transmission.
QSL	Did you copy my message?	I copied your message.
QSM	Should I repeat the last message I sent you? Or some previous message?	Repeat the last message you sent me [or message(s) number(s) ___].
QSN	Did you hear me (or ___) on ___ kHz?	I heard you (or ___) on ___ kHz.
QSO	Can you communicate with ___ direct or by relay?	I can communicate with ___ directly (or by relay through ___).
QSP	Will you relay to ___ ?	I will relay to ___ .
QSS	What working frequency will you use?	I will use ___ kHz.
QSU	Should I send on this frequency (or on ___ kHz)?	Send on this frequency (or ___ kHz).
QSV	Should I send a series of Vs on this frequency (or on ___ kHz)?	Send a series of Vs on this frequency (or on ___ kHz).
QSW	Will you send on this frequency (or on ___ kHz)?	I will send on this frequency (or on ___ kHz).
QSX	Will you listen to ___ on ___ kHz?	I am listening to ___ on ___ kHz.
QSY	Should I change my transmission to another frequency?	Change your transmission to another frequency (or on ___ kHz).
QSZ	Should I send each word or group more than once?	Send each word or group twice (or ___ times).

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Code	Question	Answer / Statement
QTA	Should I cancel message number ___ ?	Cancel message number ___ .
QTB	Do you agree with my counting of words?	I do not agree with your counting of words. I will repeat the first letter or digit of each word or group.
QTC	How many messages do you have?	I have ___ messages for you (or for ___).
QTH	What is your location?	My location is ___ .
QTR	What is the correct time?	The correct time is ___ .
QTX	Will you keep your station open for further communication with me?	Keep your station open for me.
QUA	Do you have news of ___ ?	I have news of ___ .

The Bold Q codes are ones that are used regularly for both voice and Morse Code.

Continued on the next page.

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ARRL QN Signals For CW Net Use

CODE		MEANING
QNA	*	Answer in prearranged order.
QNB	*	Act as relay Between _____ and _____
QNC		All net stations Copy. I have a message for all net stations.
QND	*	Net is Directed (controlled by net control station).
QNE	*	Entire net stand by.
QNF		Net is Free (not controlled).
QNG		Take over as net control station.
QNH		Your net frequency is High.
QNI		Net stations report In. *. I am reporting into the net. (Follow with a list or traffic or QRU).
QNJ		Can you copy me? Can you copy _____?
QNJ	*	Transmit message for _____ to _____
QNL		Your net frequency is Low.
QNM	*	You are QRMing the net. Stand by.
QNN		Net control station is _____ What station has net control?
QNO		Station is leaving the net.
QNP		Unable to copy you. Unable to copy _____
QNQ	*	Move frequency to _____ and wait for _____ to finish handling traffic. Then send him traffic for _____
QNR		Answer _____ and Receive traffic.
QNS	*	Following Stations are in the net. *(Follow with list.) Request list of stations in the net.
QNT		I request permission to leave the net for _____ minutes.
QNU	*	The net has traffic for you. Stand by.
QNV	*	Establish contact with _____ on this frequency. If successful, move to _____ and send him traffic for _____

Continued on the next page.

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CODE		MEANING
QNW		How do I route messages for _____?
QNX		You are excused from the net.* Request to be excused from the net.
QNY	*	Shift to another frequency (or to _____ kHz) to clear traffic with _____
QNZ		Zero beat your signal with mine.

* For use only by the Net Control Station.

Notes on Use of QN Signals

The QN signals listed above are special ARRL signals for use in amateur cw nets only.

They are not for use in casual amateur conversation.

Other meanings that may be used in other services do not apply.

Do not use QN signals on phone nets. Say it with words.

QN signals need not be followed by a question mark, even though the meaning may be interrogatory.

Thats all for Q codes.

73

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The annual ARRL S.E.T.

During the first weekend of October, the ARRL does the annual Simulated Emergency Test.

It is designed to have people deploy and operate for a day under true field conditions.

It is time to think if you have to deploy, what things you need to have and need.

Look at the ARRL website about previous years S.E.T exercises to get an idea of what is involved.

Information about the current ARRL S.E.T. can be found at this link:

https://www.arrl.org/simulated-emergency-test

73

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Pacificon is coming! Pacificon is coming!

Pacificon is coming to the San Ramon Marriott hotel.

What is Pacificon???

Pacificon is the West Coast ARRL annual ham radio convention.

There are forums, raffles, sales, kit building, and more!

The dates for this year's events are:

October 18 – Antenna Seminar * An additional purchase of $25.00 is required for the day.

October 19 – Breakfast with Gordon West.

October 19 and 20 – Forums from various disciplines within amateur radio.

October 19 – Scouting events

October 19 – Banquet Dinner with Guest Speaker * an additional purchase of $77.00 is required for the meal.

October 19/20 at MIDNIGHT – WOUFF HONG Initiation Ceremony.
Pre-registration is required.

October 19 and 20 – Technician license prep class and testing.

October 19 and 20 – Fox hunts throughout the day OUTSIDE.

October 19 and 20 – Kit building sessions.

October 18, 19, and 20 – W1AW/6 Special Event Station right outside in the courtyard area.

Continued on the next page.

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Event Schedule

FRIDAY
OCTOBER 18, 2024

7:00 am to 5:00 pm	Registration/Will Call Open	Mt. Diablo/Lobby
9:00 am to 5:00 pm	Antenna Seminar	Salon E
11:30 am to 1:30 pm	Cash Sales Lunch	Contra Costa Patio
12:00 Fri to 12:00 Sun Continuous	Special Event Station Hosted by Palo Alto Am. Radio Assoc. (PAARA)	Bishop Ranch Patio
9:00 am to 3:00 pm	Vendor Setup (closed to public)	Salon 1 Salon A-D
3:00 pm to 5:00 pm	Prize Booth	Hotel Lobby
3:00 am to 6:00 pm	ARRL Booth	Salons A-D
3:00 pm to 6:00 pm	Vendor Exhibit Halls Open	Salon 1 Salon A-D
6:00 pm to 7:30 pm	Cash Sales Dinner	Hallway Outside Salon E
7:00 pm to ~9:00 pm	Mt. Diablo Amateur Radio Club Meeting (Open to All; Please Join Us)	Salon E
7:00 pm to ~9:00 pm	QRP Building Event and Auction	Pleasanton/Danville
End of MDARC meeting	Prize Drawing	Salon E

Continued on the next page.

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Forum Schedule

FRIDAY
OCTOBER 18, 2024

09:00 am - 05:00 pm	Antenna Seminar	Salon E (300)	

Dont forget! This forum has an additional $20.00 charge to join that must be paid in advance!

Continued on the next page.

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Event Schedule

SATURDAY
OCTOBER 19, 2024

6:00 am to 4:00 pm	Registration/Will Call Open	Mt. Diablo/Lobby
7:00 am to 9:00 am	Cash Sales Breakfast	Contra Costa Patio
7:00 am to 8:00 am	Breakfast With Gordo	Salon E
8:00 am to 9:50 am	Ham Instructor Academy by Gordon West	Salon E
8:00 am to 1:00 pm	Ham License Testing	Pacific
8:00 am to 3:00 pm	Outside Displays	Parking Lot
8:00 am to 4:00 pm	Technician One Day License Class (Exam follows)	Tri-Valley 1
8:00 am to 4:00 pm	Scouting Activities. Merit Badges	Salon F; San Ramon Boardroom
8:00 am to 5:00 pm	FORUMS	See Forums Schedule
9:00 am to 3:00 pm	Electronic Kit Building (for youth & adults)	Bishop Ranch Hallway Foyer
9:00 am to 5:00 pm	Prize Booth	Hotel Lobby
9:00 am to 5:00 pm	ARRL Booth	Salons A-D
9:00 am to 5:00 pm	Vendor Exhibit Halls Open	Salon 1 Salon A-D
10:00 am to 10:50 am	VIP Presentation	Salon E
11:00 am - 11:15 am	Prize Drawing	Prize Booth
11:00 am - 11:50 am	VIP Presentation	Salon E
11:00 am - 1:00 pm	T-Hunting	FOXHUNT Canopy
11:30 am to 1:30 pm	Cash Sales Lunch	Contra Costa Patio
12:00 Fri to 12:00 Sun Continuous	Special Event Station Hosted by Palo Alto Am. Radio Assoc. (PAARA)	Bishop Ranch Patio

Continued on the next page

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Event Schedule

SATURDAY
OCTOBER 19, 2024 (Continued)

1:00 pm - 1:15 pm	Prize Drawing	Prize Booth
1:00 pm - 1:50 pm	VIP Presentation	Salon E
2:00 to 3:50 pm	YL Forum Dr. Carole Milazzo, KP4MD	Pleasanton/Danville
2:00 pm - 2:50 pm	VIP Presentation	Salon E
3:00 pm -3:50 pm	VIP Presentation	Salon E
4:00 pm - 4:15 pm	Prize Drawing	Prize Booth
4:00 pm -4:50 pm	VIP Presentation	Salon E
4:00 pm to 6:00 pm	Ham License Testing	Tri-Valley 1
7:00 pm to 10:00 pm	Banquet Dinner	Salon E
7:00 pm to ~9:00 pm	QRP QSO Party	Pleasanton/Danville
11:35 pm to 1:00 am	Wouff-Hong Initiation Ceremony	Salon 2

Continued on the next page.

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Forum Schedule

SATURDAY
OCTOBER 19, 2024

	Contra Costa Salon 2 (75)	Bishop Ranch Ballroom Salon E (300)	Bishop Ranch Ballroom Salons G/H (125)	Pleasanton / Danville (100)
07:00 am - 07:50 am		Breakfast with Gordo, WB6NOA		
07:50 am - 08:00 am	Break	Break	Break	Break
08:00 am - 08:50 am	Orv Beach, W6BI An overview of the AREDN networking software	Ham Instructor Academy Gordon West, WB6NOA NATIONAL INSTRUCTOR, Trainer	Justin Ellis, KJ6PWP Restoring AM Broadcast Transmitters for Amateur Radio Use	Jim DeLoach, WU0I Easy Portable Satellite Operation
08:50 am - 09:00 am	Break		Break	Break
09:00 am - 09:50 am	Orv Beach, W6BI A deep dive into the AREDN software		Jeffrey Kabel, AA6XA FT8 and Error Correction	Michael Ehrlichman, AK6AR Sleuthing Grid Conducted RFI in the Suburbs
09:50 am - 10:00 am	Break	Break	Break	
10:00 am - 10:50 am	Mathison Ott, KJ6DZB Bay Area AREDN Mesh network	Eric Swartz, WA6HHQ Elecraft K4 updates along with Q&A	Darryl Paule, KI6MSP Teaching the Radio, Electronics Scout Merit Badge	John Trinterud, K9ONR Basic Winlink Topics

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Forum Schedule

SATURDAY
OCTOBER 19, 2024 (Continued)

	Contra Costa Salon 2 (75)	Bishop Ranch Ballroom Salon E (300)	Bishop Ranch Ballroom Salons G/H (125)	Pleasanton / Danville (100)
10:50 am - 11:00 am	Break	Break	Break	Break
11:00 am - 11:50 am	John Litz, NZ6Q INJECT your CLUB in STEM/STEAM for schools	Mark Aaker, K6UFO Remote Operation of your Radio Station	Joel Wilhite, KD6W Digital ATV Repeaters: designing, building, maintaining	John Trinterud, K9ONR Advanced Winlink Topics
11:50 am - 1:00 pm	Lunch BreakBreak	Lunch Break	Lunch Break	Lunch Break
1:00 pm - 1:50 pm	Stiv Ostenberg, K9STV Finding and retaining next generation Ham	Mike Ritz, W7VO N1MM+ Contest Logging Program, from Beginner to Advanced	Anthony Marcin, W7XM Building a DMR Code Plug from Scratch	101/201
1:50 pm - 2:00 pm	Break	Break	Break	Break
2:00 pm - 2:50 pm	Deborah Johnson, WB6LVC YLRL Forum	Stephen Hicks, N5AC Update on FlexRadio's	Martin Rothfield, W6MRR Amateur Radio Ballooning, both pico and weather balloons	Ham Radio 101/201 Jim Aspinwall, NO1PC
2:50 pm - 3:00 pm		Break		

Continued on the next page.

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Forum Schedule

SATURDAY
OCTOBER 19, 2024 (Continued)

	Contra Costa Salon 2 (75)	Bishop Ranch Ballroom Salon E (300)	Bishop Ranch Ballroom Salons G/H (125)	Pleasanton / Danville (100)
3:00 pm - 3:50 pm	YL forum	Dave Casler, KE0OG No Mast, No Problem for Antenna's	Bruce Perens, K6BP 10 Acres for Antennas Where My Wife Doesn't Live: Building a Remote Station	
3:50 pm - 4:00 pm	Break	Break	Break	Break
4:00 pm - 4:50 pm	Steve Stroh, N8GNJ Tracking Technological Innovation in Amateur Radio	Dave Cassler Limited Space Wire Antennas	Greg Waters, KJ6OUI Daniel Goldstein, KJ6KEU Coastal Region Exercise Lessons Learned	101/201
4:50 pm - 5:00 pm	Break	Break	Break	Break
5:00 pm - 5:50 pm				

Continued on the next page.

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Event Schedule

SUNDAY
OCTOBER 20, 2024

6:00 am to 12:00 noon	Swap Meet Hosted by Livermore Am. Radio Klub (LARK)	Parking Lot-Rear
7:30 am to 11:00 am	Registration/Will Call Open	Mt. Diablo/Lobby
8:00 am to 11:50 am	FORUMS	See Forums Schedule
8:00 am to 12:00 pm	Ham Radio 101/201 Beric Dunn K6BEZ and David Witkowski W6DTW	Salon E
9:00 am to 11:00 am	Electronic Kit Building (for youth & adults)	Bishop Ranch Hallway Foyer
9:00 am to 12:00 pm	Ham License Testing	Tri-Valley 2
9:00 am to 12:15 pm	Prize Booth	Hotel Lobby
9:00 am to 1:00 pm	ARRL Booth	Salons A-D
9:00 am to 1:00 pm	Vendor Exhibit Halls Open	Salon 1 Salon A-D
10:00 am - 10:15 am	Prize Drawing	Prize Booth
11:00 am - 1:00 pm	T-Hunting	FOXHUNT Canopy
11:30 am - 1:30 pm	Cash Sales Lunch	Contra Costa Patio
12:00 Fri to 12:00 Sun Continuous	Special Event Station Hosted by Palo Alto Am. Radio Assoc. (PAARA)	Bishop Ranch Patio
1:00 pm to ~3:00 pm	ARRL Forum	Salon E
End of ARRL Forum	Final Prize Drawings and Grand Prize Drawing	Salon E

Continued on the next page.

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Forum Schedule

SUNDAY
OCTOBER 20, 2024

	Contra Costa Salon 2	Bishop Ranch Ballroom Salon E,F,G,H	Pleasanton / Danville
08:00 am - 08:50 am			
08:50 am - 09:00 am			
09:00 am - 09:50 am	Kay Savetz, K6KJN 20 Things I've Learned While Curating the Digital Library of Amateur Radio	Dave Casler, KE0OG	Jim Aspinwall, NO1PC Repeater System Workshop
09:50 am - 10:00 am		ASK DAVE	
10:00 am - 10:50 am	Brian Mathews, AB6D Boost your POTA and SOTA activations		
10:50 am - 11:00 am			
11:00 am - 11:50 am	Luke Bryan, KJ7BKH RepeaterSTART (Showing The Amateur-radio Repeaters Tool)		Jonathan, Naylor, G4KLX/W4KLX Jim Mclaughlin, KI6ZUM Story of the MMDVM (hotspot)
11:50 am - 1:00 pm	Lunch Break	Lunch Break	Lunch Break
1:00 pm - 1:50 pm		ARRL Forum Hosted by Tony Marcin, W7XM ARRL Pacific Division Director	
1:50 pm - 2:00 pm			
2:00 pm - 2:50 pm			

Continued on the next page.

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For further information, or to register, go to:

http://www.Pacificon.org

The deadline for on-line registration is midnight Tuesday, Oct. 1, 2024 Pacific time.

Mail-in registrations must be postmarked by Tuesday, Sept. 24. 2024.

After these dates, registration is at the door only.

If you are going to reserve a room at the Marriot please follow the below information:

Please Note: We ask that you register for your hotel room using only the Pacificon rate. Please do not use Marriott Bonvoy points or other methods of making reservations. If the Pacificon rate is not used, you will not get free parking or any other hotel amenities we've negotiated.

In addition, your room will not count toward the contractually guaranteed minimum number of room-nights we have negotiated with the hotel. Failure to meet that minimum will impact our financial ability to host Pacificon in the future.

I hope to see you there!

73

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The Sordid History Of the Wouff Hong

From the 1969 ARRL "Radio Amateur's Operating Manual":

Every amateur should know and tremble at the history and origins of this fearsome instrument for punishment of amateurs who cultivate bad operating habits and who nourish and culture their meaner instincts on the air…

This is the Wouff Hong.

It was invented -or at any rate, discovered- by "The Old Man" himself, just as amateurs were getting back on the air after World War One. "The Old Man" (who later turned out to be Hiram Percy Maxim, W1AW, Co-founder and first president of ARRL) first heard the Wouff Hong described amid the howls and garble of QRM as he tuned across a band filled with signals which exemplified all the rotten operating practices then available to amateurs, considering the state of the art as they knew it.

As amateur technology and ingenuity have advanced, we have discovered new and improved techniques of rotten operating, but we're ahead of our story.

As The Old Man heard it, the Wouff Hong was being used on some hapless offender so effectively that he investigated. After further effort, "T.O.M." was able to locate and identify a Wouff Hong.

He wrote a number of QST articles about contemporary rotten operating practices and the use of the Wouff Hong to discipline the offenders.

Early in 1919, The Old Man wrote in QST "I am sending you a specimen of a real live Wouff Hong which came to light out here . . .
Keep it in the editorial sanctum where you can lay hands on it quickly in an emergency."

Continued n the next page.

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The “specimen of a real live Wouff Hong” was presented to a meeting of the ARRL Board and QST reported later that “each face noticeably blanched when the awful Wouff Hong was . . . “laid upon the table.”

The Board voted that the Wouff Hong be framed and hung in the office of the Secretary of the League and there it remains to this day, a sobering influence on every visitor to League Headquarters who has ever swooshed a carrier across a crowded band.

The Old Man never prescribed the exact manner in which the Wouff Hong was to be used, but amateurs need only a little imagination to surmise how painful punishments were inflicted on those who stoop to liddish behavior on the air.

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Recurring Club Meetings and Events
October 2024

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
29	30	1 Club Net	2	3 Cow Town	4	5
6	7	8 Club Net	9	10 Cow Town Club Meeting	11	12 KK6ZJC Ecomm training 1900 hrs
13	14	15 Club Net	16	17 Great Shake Out drill 10:17 AM Cow Town	18	19
20	21	22 Club Net	23	24 Cow Town	25	26
27	28	29 Club Net	30	31 Cow Town HALLOWEEN	1	2

Monthly Meetings are held at the Nut Tree Airport Vacaville CA	KK6ZJC can be reached by email at coffeeholic1a@yahoo.com Put ECOMM TRAINING in subject

Continued on the next page.

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Information About Recurring Club Meetings and Events

The club net is at 2000 hours EVERY Tuesday using the W6VVR Repeater:

Receive 145.470 Transmit 144.870 CTCSS Tone 127.3

The Club Cow Town is a general rag chew every Thursday on the W6VVR Repeater.
It starts about 1000-1030 local time using the same frequencies as above,

The monthly Club meeting is always held the second Thursday of the month at the Nut Tree Airport. The meeting starts at 7PM local time and generally runs through about 9PM.
Directions to the meeting can be found at the end of the newsletter.

Every Saturday the same week as the club meeting at 1900 hours local time KK6ZJC will be using zoom to practice passing messages.

Anyone wishing to join in contact KK6ZJC by email at coffeeholic1a@yahoo.com.
Please put ECOMM TRAINING in the subject.

I will generally check my emails right through Saturday night about 1830 hours local time.
After 1915 hours if no one joins the meeting, I shut Zoom down

it is a great way to learn how to pass messages using the ICS-213 form, or practicing sending messages for the general public using the ARRL forms.

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Special Club Meetings and Other Events in the area

I am listing all special events the club is looking for volunteers to assist in, fox hunts, other club swap meets, or events out of the ordinary.

ARRL S.E.T. October 5-6th

Pacificon of course! October 18-20th

Dixon is looking for volunteers to act as security during their Day of The Dead celebration on October27th 1300-1700 hours. Contact Servando if interested.

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Contest

Below is link to a great contesting website by fellow Amateur Radio Operator Bruce Horn, WA7BNM

https://contestcalendar.com/

The calendar list contest in multiple ways.

It is easy to use and regularly updated.

Hope that it helps you with your contesting!

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The Club Repeater(s)

The Vaca Valley Radio Club sponsors repeaters on several bands.
The club provides some financial support, but the owners provide a substantial portion of the cost of their operation.
The efforts of the owners are greatly appreciated.

The main repeater for the club is:

Call Sign: W6VVR
Output Frequency: 145.470MHz
Input Frequency: 144.870MHz
CTCSS tone (P.L.): 127.3Hz
Offset Frequency: 600KHz
Offset Direction: Minus

Vaca Valley Radio Club Sponsored Repeaters
As Of November 1, 2023

Rptr Out	Offset	P.L.	Call/ Location	Linked Repeaters
145.470	Minus 600 KHz	127.3	W6VVR Mt Vaca	Linked to 441.650 MHz
440.025	Plus 5 MHz	127.3	WV6F Mt Vaca	
441.650	Plus 5 MHz	100.0	N6VLF Fairfield	Linked to 145.470 MHz
145.140	Minus 600 KHz	77.0 DG-ID 00-00	Moderate level	Can operate Yaesu Fusion AMS Can be linked to 145.470 MHz or 441.650 MHz

Visitors are welcome to use the repeaters.

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EchoLink and AllStar Nodes

The Vaca Valley Radio Club operates both an EchoLink and an Allstar Nodes that link to the clubs main repeater on 145.470 MHz on top of Mt Vaca.

NOTE: EchoLink is UP, Allstar node is UP.

Call Sign: W6VVR

EchoLink Node 454312 W6VVR-R

Allstar Node 51094

Visitors are welcome to use the nodes.

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2024 Officers:

President:	Servando Miramontes	K6SRV
Vice President:	Dan Martin	N6ETR
Treasurer:	Brian Steinberg	KB0A
Secretary:	Mike Rodgers	KN6MIO

2024 Board of Directors:

Art Aronsen	WD6BQX
Chris Swanson	KJ6DLF
Mike Gregory	WB6WYF
Will Shaffer	W6SRX

Net Control Operators

1st Week Of The Month	Bob Hawkins	KM6BXZ
2nd Week Of The Month	Chris Swanson	KJ6DLF
3rd Week Of The Month	Frank Garay	KJ6RWQ
4th Week Of The Month	Dan Martin	N6ETR
5th Week Of The Month	Dan Martin	N6ETR

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VOLUNTEER POSITIONS:

Membership	Bryan Steinberg	KB0A
Repeater Trustee	Brian Hagen	KK6BXP
Repeater Committee Chair	Brian Hagen	KK6BXP
Newsletter Editor	Stephen Bartels	KK6ZJC
Webmaster	Bryan Steinberg	KB0A
Net Control Coordinator (Filled by the Vice President as per the Club Constitution)	Dan Martin	N6ETR
Activities Committee Chair	Don Preston	KM6INR
Monthly Message Passing Practice Net	Stephen Bartels	KK6ZJC
Foxhunt Coordinator		
Bicycle Events Coordinator		
Parade Events Coordinator		
Winter Field Day Committee		
Dixon Mayfair Parade		
June Field Day Committee		
Merriment on Main		
December Meeting		

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Volunteer Positions (Continued)

Winlink Committee Chair

FL-Digi Committee Chair

AREDN Committee Chair

We still have numerous committees that need chairpersons and volunteers for the upcoming year (2024). (See the list above.) They need to be filled for the upcoming year by younger volunteers and those with experience to guide the club forward into the future.

This is your club. You can make it a great club by participating in meetings, events, and nets, or you can watch the club wither away and die from lack of participation by ALL members.

It is in your hands, are you going to watch the club end or are you going to jump in and help steer the club forward to the future?

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Vaca Valley Radio Club, Inc

Membership Application/Renewal Form

November 2019 Dues are payable annually.

New Members Please Fill in All Fields Completely
Renewing Members Please Provide Name and Call Sign, Other Fields *Only if there are changes*

Member Information

FCC Name:_____

Street:_____

Street 2:_____

City:_____

State:_____ Zip-Code+4:_____

Home Phone:_____

Cell Phone:_____

Call Sign:_____

License Class:_____

ARRL Member?_____

Member No:_____

Name Badge Name_____

Payment Information

Member Dues: $25.00 _____

Additional Family Members: $2.00 _____

Student: $5.00 _____

Repeater Donation: _____

Total:_____$_____

Paid by Check: $_____

Check number: _____

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Family Member (Spouse or Children) FCC Name:_____ Call Sign:_____ License Class:_____ ARRL Member?_____ Member No:_____ Name Badge Name_____	Family Member (Spouse or Children) FCC Name:_____ Call Sign:_____ License Class:_____ ARRL Member?_____ Member No:_____ Name Badge Name_____
Family Member (Spouse or Children) FCC Name:_____ Call Sign:_____ License Class:_____ ARRL Member?_____ Member No:_____ Name Badge Name_____	Family Member (Spouse or Children) FCC Name:_____ Call Sign:_____ License Class:_____ ARRL Member?_____ Member No:_____ Name Badge Name_____
Family Member (Spouse or Children) FCC Name:_____ Call Sign:_____ License Class:_____ ARRL Member?_____ Member No:_____ Name Badge Name_____	Family Member (Spouse or Children) Name:_____ Call Sign:_____ License Class:_____ ARRL Member?_____ Member No:_____ Name Badge Name_____

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Directions To the Monthly Meeting from Fairfield, Suisun City And Other Areas West of Vacaville

Coming from Fairfield: Take Highway 80 East Bound. Take exit 55 Nut Tree Parkway / Allison Drive. Stay to the left and enter the right left turn lane

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Turn left from the right turn lane and stay in the right lane. Be careful not to get back on the highway entrance.

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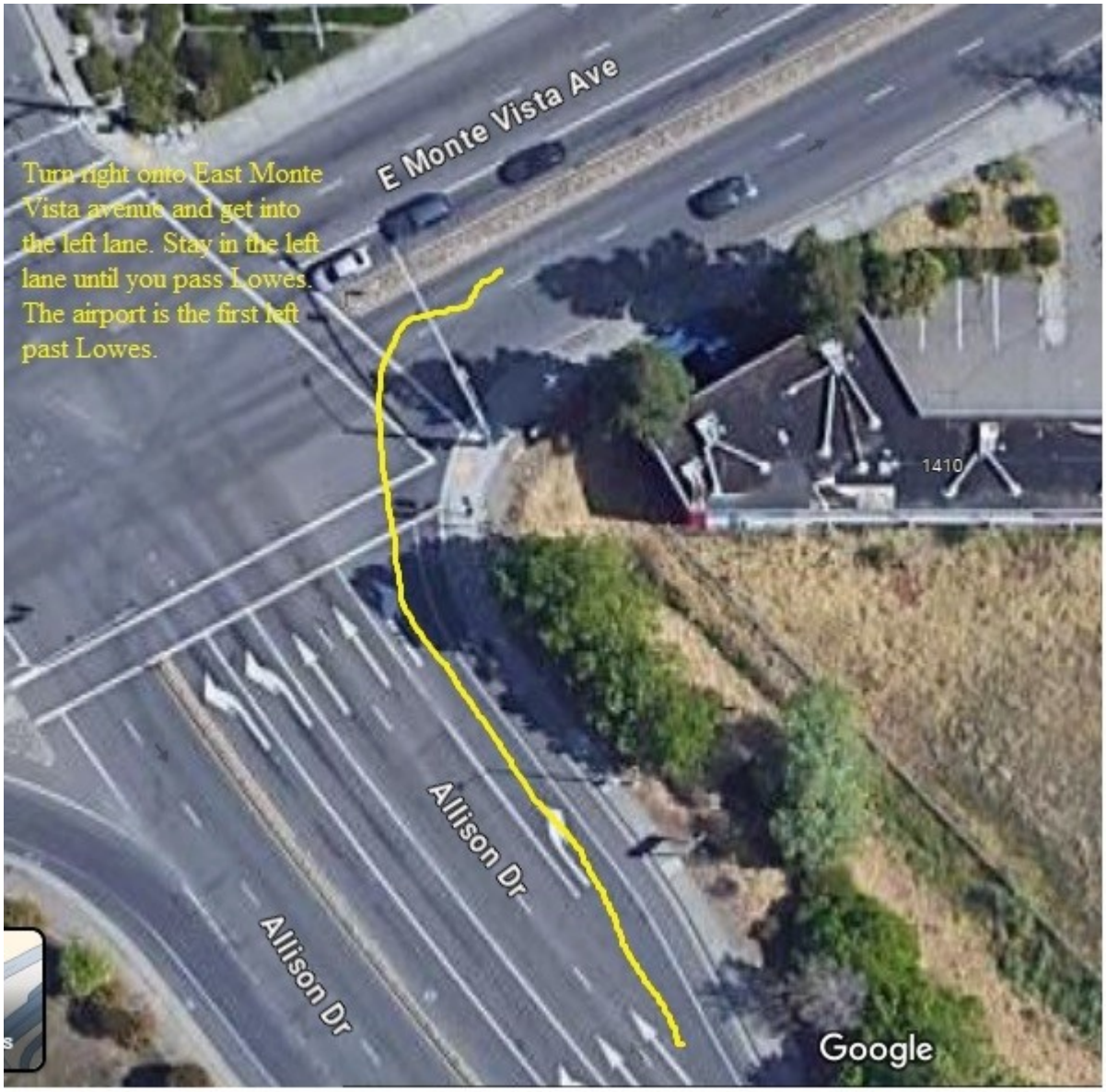
Go over the overpass and make the right turn onto East Monte Vista Avenue.



Get in the left lane of E Monte Vista Avenue and drive East until you pass Lowes.

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The airport is immediately past the Lowes Parking lot.

Turn left and drive to the airport parking lot on your right.

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Directions To The Monthly Meeting From Dixon, Sacramento And Other Areas East of Vacaville

Coming West from Dixon take the E Monte Vista Avenue exit, (exit 55)

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Take the Right turn Lane at the exit

Stay in the right lane until the light.

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At the light turn Right and get into the left lane.

After making the right turn, get into the left lane and drive East until you see Lowes.

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Turn left and drive to the airport parking lot on your right.

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